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CATALOGUE NUMBER

**Southwestern
Presbyterian University
BULLETIN**



Clarksville, Tennessee

MARCH, 1918

Vol. 5

New Series

No. 2

**PUBLISHED QUARTERLY BY THE
SOUTHWESTERN PRESBYTERIAN UNIVERSITY.**

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SOUTHWESTERN PRESBYTERIAN UNIVERSITY

CATALOGUE

FORTY-FOURTH SESSION

ANNOUNCEMENT
OF
Southwestern
Presbyterian University

FOR THE YEAR
1918 - 1919



Clarksville, Tennessee

1917	1918	1919
JULY	JAN.	JAN.
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COLLEGE CALENDAR

1918

January 2	Wednesday	College session resumed.
January 23-30		Semester Examinations.
January 31	Thursday	Inter-term Holiday.
February 1	Friday	Second Semester
February 22	Friday	Washington's Birthday
February 24	Sunday	Day of Prayer for Colleges.
May 24-31		Semester Examinations.
June 2	Sunday	Baccalaureate Sermon.
June 4	Tuesday	Commencement Exercises.

September 17-18	Tuesday and Wednesday	Entrance Examinations.
September 19	Thursday, 9:00 A.M.	Forty-fourth session begins.
September 19	Thursday	Registration begins.
November 28	Thursday	Thanksgiving Holiday.
December 20	Friday, 1:00 P. M.	Christmas Holidays begin.

1919

January 3	Friday, 8:30 A. M.	College session resumed.
January 24-31		Semester Examinations.
February 1	Saturday	Inter-term Holiday.
February 3	Monday.	Second Semester.
February 22	Saturday	Washington's Birthday.
February 23	Sunday	Day of Prayer for Colleges.
May 10	Saturday	Founders' Day.
May 31-June 7		Semester Examinations.
June 8	Sunday	Baccalaureate Sermon.
June 10	Tuesday	Commencement Exercises.

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CORPORATION

Legal Title: THE SOUTHWESTERN PRESBYTERIAN UNIVERSITY.

President: CHARLES EDWARD DIEHL, A.M., D.D...Clarksville, Tenn.

Treasurer: CHARLES WILLIAM BAILEY.....Clarksville, Tenn.

Secretary: HON. MICHAEL SAVAGE.....Clarksville, Tenn.

DIRECTORS

REV. WILLIAM MCFADDIN ALEXANDER, D.D., 1918....New Orleans, La.

REV. GEORGE DOUGLAS BOOTH, Alternate.....Laurel, Miss.

REV. WILLIAM LINDSEY CALDWELL, D.D., Alternate..Nashville, Tenn.

REV. ROBERT LEE CAMPBELL, 1918.....Dothan, Ala.

HON. JEROME T. FULLER, 1920.....Centreville, Ala.

HON. WILLIAM T. HARDIE, 1919.....New Orleans, La.

REV. ALBERT SIDNEY JOHNSON, D.D., 1919.....Birmingham, Ala.

MAJOR GEORGE WYTHE MACRAE, 1918.....Memphis, Tenn.

REV. JOSEPH RENNIE, D.D., 1918.....Greenwood, Miss.

REV. DAVID H. SCANLON, PH.D., 1919.....Meridian, Miss.

HON. MICHAEL SAVAGE, 1919.....Clarksville, Tenn.

HON. TILLY H. SCOVELL, 1920.....Shreveport, La.

REV. JAMES ISAAC VANCE, D.D., 1920.....Nashville, Tenn.

Note: The Synod of Mississippi, at its last meeting, failed to elect a representative for the class of 1920.

EXECUTIVE COMMITTEE

THE PRESIDENT, *Chairman*

CHARLES WILLIAM BAILEY

MAJOR GEORGE WYTHE MACRAE

BENJAMIN AVERY PATCH

HON. MICHAEL SAVAGE

CHARTER OF SOUTHWESTERN PRESBYTERIAN UNIVERSITY

State of Tennessee—Charter of Incorporation.

Be it known, that Thomas R. Welch, B. M. Palmer, John N. Waddel, Donald MacGregor, Evander McNair, John B. Shearer, D. N. Kennedy, W. K. Marshall, C. A. Stillman, Thomas A. Hamilton, James A. Lyon, and B. M. Estes are hereby constituted a body politic and corporate, by the name and style of the Southwestern Presbyterian University, for the purpose of establishing and maintaining in the city of Clarksville, County of Montgomery, State of Tennessee, a University with power to confer degrees. The object and scope of the Institution proposed, shall be to found a school of instruction in the various liberal and professional studies, and in such special and polytechnic arts and studies as may be deemed necessary, and to be under the patronage of the Presbyterian Church in the United States.

This corporation is organized under and pursuant to an act of the General Assembly of the State of Tennessee, enacted March 23rd, 1875, Chapter 142; and in compliance with the terms of said act, reference is made to Subsection 3, of Section 1, of said act, which is as follows: "The support of any literary or scientific institution, as a College or University with power to confer degrees, an academy, debating society, lyceum, the establishment of a library, the support of a historical society, the promotion of paintings, music or the fine arts, the support of Boards of Trade, or Chambers of Commerce, or other objects of like nature."

We, the undersigned, apply to the State of Tennessee, by virtue of the laws of the land, for a charter of incorporation for the purposes and with the powers declared in the foregoing instrument.

THOS. R. WELCH (Seal)

B. M. PALMER (Seal)

JNO. N. WADDEL (Seal)

D. MACGREGOR (Seal)

JNO. B. SHEARER, (Seal)

EVANDER MCNAIR (Seal)

St. Louis, May 20th, 1875.

I witness these six signatures,

J. W. HOYTE

D. N. KENNEDY

I, C. N. Gibbs, Secretary of State of the State of Tennessee, do certify that the foregoing instrument, with certificates of acknowledgment of probate and registration, was filed in my office for registration on the 31st day of May, 1875, and recorded on the 31st day of May, 1875, in Corporation Record Book A, in said office, pages 34 and 35.

In testimony whereof, I have hereunto subscribed my official signature; and by order of the Governor, affixed the Great Seal of the State of Tennessee, at the Department in the city of Nashville, this the 31st day of May, A.D. 1875.

CHAS. N. GIBBS,
Secretary of State.

FACULTY*

CHARLES EDWARD DIEHL, A.M., D.D.....	President's House <i>President of the University</i>
SCOTT CARY LYON, A.M.....	606 College Street <i>Acting Dean of the University</i>
<hr/>	
WILLIAM DINWIDDIE, A.M., LL.D.....	210 Union Street <i>Professor of Mathematics and Philosophy</i>
SCOTT CARY LYON, A.M.....	606 College Street <i>Professor of Chemistry and Biology</i>
LAWRENCE INGLIS MACQUEEN, A.M.	125 Fourth Street <i>Professor of Political and Social Science</i>
JOHN BOWEN EDWARDS, PH.D.....	College and Seventh Streets <i>Professor of Ancient Languages</i>
ROBERT CECIL BEALE, PH.D.....	518 College Street <i>Professor of English</i>
CHARLES EDWARD DIEHL, A.M., D.D.....	President's House <i>Professor of Bible</i>
CHARLES LOUIS TOWNSEND, A.M., PH.D.....	515 Main Street <i>Professor of Modern Languages</i>
DAVID LEVI SNADER, A.E., C.E.....	College and Second Streets <i>Professor of Physics and Engineering</i>

INSTRUCTORS

JOHN WALKER THOMPSON, B.S.....	College Campus <i>Instructor in Chemistry and Biology</i>
BENJAMIN NATHANIEL SHAW.....	College Campus <i>Instructor in Military Tactics and Physical Training</i>
ROBERT HENRY COBB	522 College Street <i>Director of Gymnasium</i>
<hr/>	
MRS. HARDY GREENHILL.....	401 Main Street <i>Registrar and Assistant Treasurer</i>
ROBERT CECIL BEALE.....	518 College Street <i>Librarian</i>
MISS ANNIE MAI MOORE.....	6 High Street <i>Assistant Librarian</i>

*Arranged in order of appointment to present rank.

COMMITTEES OF THE FACULTY

The President of the University is ex-officio member of all committees.

ADMISSION AND CURRICULUM

PROFESSORS DINWIDDIE, BEALE, and EDWARDS

STUDENT ACTIVITIES

PROFESSORS LYON, MACQUEEN, and SNADER

GRADUATE SCHOOL

PROFESSORS EDWARDS, TOWNSEND, and SNADER

LIBRARY

PROFESSORS TOWNSEND, BEALE, and EDWARDS

PROPERTY

PROFESSORS MACQUEEN, SNADER, and EDWARDS

PUBLICATIONS AND PUBLICITY

PROFESSORS MACQUEEN, BEALE, and EDWARDS

PUBLIC EXERCISES

PROFESSORS BEALE, DINWIDDIE, and LYON

STUDENT WELFARE

PROFESSORS LYON, MACQUEEN, and DINWIDDIE

ADMISSION

GENERAL REQUIREMENTS.

All candidates for admission to Southwestern should enter into correspondence with the President at as early a date as possible. *No student will be received who does not present satisfactory testimonials of good character either from the principal of the school in which he was prepared or from some other responsible person who can offer testimony based on personal knowledge.*

Students who are known to have been guilty of dishonorable conduct in their preparatory school, or to drink or gamble, will not be received at this University, and it is earnestly requested that the names of such young men be not sent to the President for consideration. At Southwestern only those students who are willing to attend upon all duties faithfully, to give loyal support to the authorities, and to respect the regulations of the University, are desired.

METHODS OF ADMISSION

ADMISSION BY EXAMINATION

Students who desire to offer any subject or subjects listed below (page 14) for entrance, and have no credit therefor from an accredited preparatory school, may present themselves at the opening of the session for examination on the dates specified in the college calendar for entrance examinations, September 17th and 18th.

ADMISSION BY CERTIFICATE

Students who have been graduated from accredited preparatory schools may be admitted upon presentation of a certificate blank, which may be secured from the Registrar upon application, and should be carefully filled out and signed by the principal of his preparatory school.

This blank should be prepared as early in the summer as possible and forwarded to the University, since at a later date it is frequently difficult to gain access to the school records. It is also highly desirable that the prospective student should find out whether he will be accepted by the University before he presents himself at the opening of the session, in order that expense and inconvenience may be avoided, in case he should be rejected.

In order to be admitted to the Freshman Class of the University without condition, the applicant must present at least fifteen units of high school work. One unit represents a course pursued five hours a week for a school year.

A student may be admitted conditionally upon the presentation of thirteen units, but it is highly undesirable for a student, unless possessed of unusual ability, to enter upon collegiate work until he is well prepared to undertake it successfully. *Entrance conditions are serious handicaps to a student and should be avoided if at all possible.*

All entrance conditions must be made up before the beginning of the Sophomore year, and no student is allowed to enter upon the work of that year unless all such conditions have been removed.

The subjects which may be presented for admission to the Freshman Class and the number of units at which each is valued are given in the following list:

ENTRANCE UNITS

<i>Subject</i>	<i>Rating</i>	<i>Subject</i>	<i>Rating</i>
Agriculture	1	Geography	1
Biology	$\frac{1}{2}$ to 1	German	1 to 3
Botany	$\frac{1}{2}$ to 1	Greek	1 to 3
Chemistry	1	History	1 to 4
Civics	$\frac{1}{2}$ to 1	Latin	1 to 4
Commercial Arith-		Manual Training . . .	1
metric	$\frac{1}{2}$	Mathematics	2 to $3\frac{1}{2}$
Domestic Science . . .	1	Physics	1
Drawing	1	Physiology	1
English	3 to 4	Spanish	1 to 3
French	1 to 3	Zoology	$\frac{1}{2}$ to 1

From the above list, every student applying for admission must present three units in English and two in Mathematics. The remaining ten units may be offered in any other subjects on the list. In no case may less than eight additional units be offered by those students who enter as candidates for a degree, and not more than one unit may be offered in vocational subjects.

Applicants over twenty years of age, who give evidence of ability, may be admitted to a course of study without degree, pursuing that work for which they are prepared. For such students the unit requirements for admission may be waived. These requirements must be met, however, whenever such student offers himself as a candidate for a degree.

ADMISSION TO ADVANCED STANDING

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes together with an official certificate showing (a) his entrance credits at that institution, (b) his college record, including grade of scholarship in each subject taken, (c) honorable dismissal.

2. He must have completed creditably the work of at least one semester in an institution of collegiate rank.

3. He must satisfy the entrance requirements of the Southwestern Presbyterian University, using his advanced credits for this purpose if necessary.

4. Credit is allowed only for work equivalent to courses in the Southwestern Presbyterian University.

5. Credit for such advanced courses is regarded as provisional at the time of the applicant's admission to college, and will not be considered as final, nor will the applicant receive final enrollment, until he has satisfactorily completed at least one semester's work in the University.

ADMISSION OF WOMEN

By the action of the Board of Directors of the University on October 26, 1916, together with subsequent actions, women may be admitted as students to the Southwestern Presbyterian University and are eligible to all degrees offered by the University. At the present time, the number of women who may be received is limited so that admission will be granted in order of application, preference being given, however, to graduates of the Clarksville High School. The requirements for admission and the University fees are the same for women as they are for men. A rest room has been provided for the use of women in the Stewart Building, adjoining the Offices of Administration.

EXPLANATION OF ADMISSION UNITS**ENGLISH—3 UNITS REQUIRED**

The preparation in English required for entrance includes the following:

ENGLISH A. *Grammar and Grammatical Analysis*.—Study of inflections and rules of syntax; practical knowledge of the sentence analysis; spelling, capitalization and punctuation. Text-books recommended: Sanford and Brown's English Grammar, Kittredge and Farley's Advanced English Grammar.

ENGLISH B. *Composition and Rhetoric*.—Study of the general principles of composition, the fundamental qualities of style, the selection and arrangement of words, sentence and paragraph structure, the forms of discourse, practice in planning, outlining and writing simple themes, the essentials of good form in composition. Text-books recommended: Lewis and Hosis's Practical English for High School, Dawson and Herrick's New Composition and Rhetoric.

ENGLISH C. *English Literature*.—The reading and study of specimens of English and American literature selected from the following groups prescribed for college entrance by the National Conference on Uniform Entrance Requirements for 1915-19.

REQUIRED FOR STUDY

GROUP 1. (One to be selected.)—Shakespeare's Julius Caesar, Macbeth or Hamlet.

GROUP 2. (One to be selected.)—Milton's L'Allegro, Il Penseroso, and either Comus or Lycidas; Tennyson's The Coming of Arthur, The Holy Grail and The Passing of

Arthur; Palgrave's Golden Treasury (First Series), Book IV.

GROUP 3. (One to be selected.)—Burke's Conciliation with America; Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Two Speeches on Copyright and Lincoln's Speech at Cooper Union.

GROUP 4. (One to be selected.)—Carlyle's Essay on Burns, with a selection from Burns' Poems; Macaulay's Life of Johnson; Emerson's Essays on Manners.

REQUIRED FOR READING

GROUP 1. (Two to be selected.)—Selections from the Old Testament; The Odyssey, omitting, if desired, Books I-V, XV-XVII; The Iliad, omitting, if desired, Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid. For any selection from this group, a selection from any other group may be substituted.

GROUP 2. (Two to be selected.)—Shakespeare's Merchant of Venice; Shakespeare's Midsummer Night's Dream; Shakespeare's As You Like It; Shakespeare's Twelfth Night; Shakespeare's Henry V; *Shakespeare's Julius Caesar; Shakespeare's The Tempest; Shakespeare's Romeo and Juliet; Shakespeare's King John; Shakespeare's Richard II; Shakespeare's Coriolanus; *Shakespeare's Macbeth; *Shakespeare's Hamlet.

GROUP 3. (Two to be selected.)—George Eliot's Silas Marner; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Scott's Quentin Durward; Dickens' Tale of Two Cities; Stevenson's Treasure Island; Swift's Gulliver's Travels; Cooper's Last of the Mohicans; Defoe's Robinson Crusoe, Part I; Hawthorne's House of the Seven Gables, Twice Told Tales, or Mosses from an Old Manse; Thackeray's Novels, any one; Mrs. Gaskell's Cranford; Malory's

*If not chosen for study.

Morte d'Arthur; Bunyon's *Pilgrim's Progress*, Part I; Frances Burney's *Evelina*; Jane Austen's *Novels*, any one; Kingsley's *Westward Ho! or Hereward the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes's *Tom Brown's School Days*; Poe, *Selected Tales*; A Collection of Short Stories by Various Writers.

GROUP 4. (Two to be selected.)—Sir Roger De Coverly Papers or Selections from *The Tatler* and *the Spectator*; Franklin's *Autobiography*; Irving's *Sketch Book*, or *Life of Goldsmith*; Thackeray's *English Humorists*; Selections from the *Essays of Elia*; Ruskin's *Sesame and Lilies*; Parkman's *Oregon Trail*; Thoreau's *Walden*; Huxley's *Autobiography* and extracts from *Lay Sermons*; Stevenson's *Inland Voyage and Travels with a Donkey*; Boswell's *Life of Johnson*; Southey's *Life of Nelson*; Lockhart's *Life of Scott*; Trevelyan's *Life of Macaulay*; Dana's *Two Years Before the Mast*; Lowell's *Selected Essay's*; Holmes's *The Autocrat of the Breakfast Table*; *Essays by Bacon, Lamb, DeQuincey, Emerson, etc.*; *Letters by Various Writers*.

GROUP 5. (Two to be selected.)—Goldsmith's *Deserted Village* and *The Traveller*; Coleridge's *Ancient Mariner*, *Christabel* and *Kubla Khan*; Scott's *Lady of the Lake*; Macaulay's *Lays of Ancient Rome*, *The Battle of Nasby*, *The Armada*, *Ivry*; Tennyson's *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Select Poems*; Arnold's *Sohrab and Rustum* and *The Forsaken Merman*; Byron's *Childe Harold*, Canto III or IV, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Books II and III; Pope's *The Rape of the Lock*; *English and Scottish Ballads*; Selections from *American Poetry*; Palgrave's *Golden Treasury* (First Series), Book IV (if not chosen for study).

GREEK

One to three units.

A. Grammar and Composition. One unit. The forms, inflections and simpler constructions; prose composition.

B. Xenophon. One unit. Four books of the *Anabasis* or equivalent. Study of irregular verbs, sight reading of easy passages and composition based on Xenophon.

C. Homer. One unit. Three books of the *Iliad*. Homeric forms, syntax, prosody.

LATIN

One to four units.

A. Grammar and Composition. One unit. The regular inflections and the more common irregular forms, the simpler constructions, translation of easy prose and composition based on vocabulary and syntax of authors read.

B. Caesar. One unit. Four books of the *Gallic War* or of the *Civil War*.

C. Cicero. One unit. Orations against Catiline, for the *Manilian Law*, and for *Archias*.

D. Vergil, *Aeneid* I-VI. One unit.

Instead of the reading specified above an equivalent amount may be selected from the following authors and works: Caesar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters* and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Eclogues*, *Georgics* and *Aeneid*) and Ovid (*Metamorphoses*, *Fasti* and *Tristia*).

GERMAN

One to three units.

I. *Elementary*. Two units. During the first year the work should comprise: (1) careful drill upon pronuncia-

tion; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his or her knowledge with facility in the formation of sentences, and, secondly, to state his or her knowledge correctly in the technical language of grammar.

2. *Intermediate.* One unit. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from mem-

ory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

MATHEMATICS

MATHEMATICS—3 OR $3\frac{1}{2}$ UNITS

1. One, one and a half, or two years of high school work in algebra, including the use of exponents and radicals, and the solution of equations of the second degree in one and in two unknown quantities, with work in problems covering the same ground. One to two units.

2. One year in plane geometry, completing the five books, with abundant practice in original exercises. One unit.

3. One-half year in solid geometry, completing the subject. One-half unit.

FRENCH

One to three units.

1. *Elementary*. Two units. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the

forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice of translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of conditional and subjunctive.

2. *Intermediate*. One unit. This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation and drill in pronunciation.

SPANISH

One to three units.

1. *Elementary*. Two units. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the conjugation

of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax; (3) exercises containing illustrations of the principles of grammar; (4) the reading and accurate rendering into good English of from 100 to 175 duodecimo pages of graduated texts, with translation into Spanish of easy variations of the sentences read; (5) writing Spanish from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of modern prose from different authors; (2) practice in translating Spanish into English, and English variations of the text into Spanish; (3) continued study of the elements of grammar and syntax; (4) mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses; (5) writing Spanish from dictation; (6) memorizing of easy short poems.

2. *Intermediate.* One unit. For intermediate work in Spanish the student should have completed a course similar and equivalent to the intermediate work in French outlined above.

A test of ability to pronounce and understand Spanish when read to the student will be required.

HISTORY

One to four units.

Preparation in history will be given credit upon the basis of time devoted to the study of each branch of the subject, rather than upon the amount of ground covered. The training in history should require comparison and the use of judgment on the pupil's part, rather than the mere use of memory. The use of good text-books, collateral reading, practice in writing, and accurate geographical knowledge are essential.

Ancient, Mediæval and Modern, English, or American History may be offered. A full year's work in any one will be credited as one unit. Every applicant should be familiar with American History and Geography, as usually taught in good high schools, and is advised to offer at least one other year in this subject.

CIVICS

One-half unit.

Civil Government. In order that credit shall be given for the study of Civil Government, it must be studied as a separate subject for five periods a week for a half year. The importance of at least an elementary knowledge of this subject to every citizen cannot be exaggerated, and it is hoped that it may form a part of the curriculum of every high school.

PHYSICS

One unit.

One year's work in some good text-book like Gage, Carhart and Chute, or Millikan and Gale, with at least forty hours of laboratory work, and the tender of the laboratory note-book.

CHEMISTRY

One unit.

The study of a standard elementary text-book with demonstrations by lecture experiments; not less than forty hours of laboratory work, with tender of the laboratory note-book.

BOTANY

One unit.

One year's work in some good elementary text-book, including a careful study of anatomy and morphology;

physiology; ecology; the natural history of the plant groups, and classification; at least forty hours of laboratory work and excursions, with tender of laboratory books and drawings.

ZOOLOGY

One unit.

One year's work following a good elementary text-book, with at least forty hours of laboratory work and excursions, with tender of laboratory book with carefully labeled drawings of the chief structures studied anatomically.

BIOLOGY

One unit.

One year's work following a good elementary text-book, with at least forty hours of laboratory work and excursions covering the elements of Botany and Zoology, with tender or laboratory book with carefully labeled drawings of the structure studied.

PHYSIOGRAPHY

One unit.

The preparation of Physiography should include the study of at least one of the modern text-books, together with an approved laboratory and field course of at least forty exercises actually performed by the student.

PHYSIOLOGY

One unit.

One year's work in some good text-book like Martin's Human Body, elementary course, or the equivalent. The course should include a study of the nature of foods and their history in the body; the essential facts of digestion, absorption, circulation, secretion, excretion, and respiration; the motor, nervous, and sensory functions; and the structure of the various organs by which these operations are

performed. A note-book with careful outline drawings of the chief structures studied anatomically should be tendered as part of the examination. The course should have been illustrated by dissections of a cat or other lower vertebrate.

VOCATIONAL SUBJECTS

• AGRICULTURE

One unit.

The course should have been guided by a good elementary text-book on Agriculture, with practical demonstrations and experiments by the student in the school-garden or on the farm. Practical experience on the farm will also be counted towards this credit, and where this practical experience has extended over two or more years it may be accepted for the Agricultural course as fulfilling the requirement without the text-book study.

DRAWING

One unit.

A full year's work in freehand and mechanical drawing, including geometrical plane and solid figures, simple pieces of machinery, with a fair knowledge of the rules of perspective and light and shade sketching from casts, and other objects. Samples of work must be submitted.

DOMESTIC SCIENCE AND ART

One unit.

One full year's work of not less than six hours per week in cookery, sewing, fitting, or other work usually included in high school courses in this subject. A satisfactory statement from the instructor must be tendered, showing the amount and character of the instruction and practice received.

REQUIREMENTS FOR GRADUATION

DEGREE OF BACHELOR OF ARTS

All applicants for the degree of Bachelor of Arts must complete at least one hundred and twenty-six semester hours, exclusive of laboratory work, in which must be included one year of Mathematics, two years of English, one year of History, one year of Philosophy, one year of Chemistry, Biology or Physics, two years of Bible study and the minimum requirements of two foreign languages.

The minimum requirement for any foreign language begun in college is eighteen semester hours. This is true also of Latin when only three units are offered for admission. When four units are offered in Latin for admission or one unit in Greek is offered, twelve semester hours of college work meet the minimum requirement in each language. As a general principle in determining the value of high school courses for advanced credit in modern languages two units are counted as equivalent to one year of college work.

An applicant for a degree must have a reading knowledge of German, French, or Spanish, and must have attained an average grade of seventy for his entire degree course.

In addition to the one hundred and twenty-six semester hours, work is required of all Freshmen and Sophomores in Public Speaking and Physical Education.

All students must so arrange their courses of study as to include two majors, both of which must be completed in the Senior year, and only one of which may be selected from Science or Mathematics. A major consists of eighteen semester hours in the same subject, which may be pursued either (1) during six consecutive semesters, or (2) during the Junior and Senior years. Thus, the work for

neither major may be entered upon until the close of the Freshman year.

One additional elective above the requirements may be taken in the Junior and the Senior years. Credit for work previously taken may not be used to reduce the required number of courses in any semester.

No student will be permitted to remain in the University longer than one year with an entrance condition.

FRESHMAN YEAR

1. Bible Study
2. English
3. Social and Economic Problems
4. Mathematics
5. One Foreign Language*
6. One Elective ———
- Total, 32 semester hours ———
- Public Speaking
- Personal Hygiene and Physical Education

*Students offering one or more units in a modern language for admission must continue this language during their Freshman year, unless both Greek and Latin are elected.

SOPHOMORE YEAR

1. Bible Study
2. English
3. Foreign Language
- 4 and 5. One subject from each group:
 - (a) Biology, Chemistry, Mathematics, Physics
 - (c) History, Psychology
6. Elective ———
- Total, 34 semester hours ———
- Public Speaking
- Physical Education

JUNIOR YEAR

1. First Major*
2. Second Major
3. Elective
4. Elective
5. Elective
6. Optional course ———
- Total, 30 or 36 semester hours ———

SENIOR YEAR

1. First Major, completed
2. Second Major, completed
3. Elective
4. Elective
5. Elective
6. Optional course ———
- Total, 30 or 36 semester hours ———

DEGREE OF BACHELOR OF SCIENCE

All applicants for the degree of Bachelor of Science must complete at least one hundred and twenty-six semester hours, in which must be included one year of Mathematics, four years of Science, to be selected from Biology, Chemistry, and Physics, two years of English, two years of Bible, and the minimum requirement in one modern language, as defined under the statement of the requirements for the degree of Bachelor of Arts. However, students electing pre-engineering courses may omit one year of English, but are required to take three years of Mathematics and must elect Mechanical Drawing, Mechanics and Surveying.

In addition to the one hundred and twenty-six semester hours, work is required of all Freshmen and Sophomores in Public Speaking and Physical Education.

*For definition of a major, see page 27.

An applicant for a degree must possess a reading knowledge of at least one foreign language and must have attained an average grade of seventy per cent for his entire degree course.

Applicants for the degree of Bachelor of Science must arrange their course of study so as to comply with the requirements for two majors, as explained under the requirements for the degree of Bachelor of Arts, with these restrictions, that both majors must be selected from Chemistry, Biology, Physics, and Mathematics.

The requirement as to the number of hours to be selected in each semester and in regard to the removal of conditions is identical with that of the Degree of Bachelor of Arts.

FRESHMAN YEAR

1. Bible Study
2. English
3. Social and Economic Problems
4. Mathematics
5. One Foreign Language
6. Biology, Chemistry, or Physics ———
- Total, 32 semester hours ———
- Public Speaking
- Personal Hygiene and Physical Education

SOPHOMORE YEAR

1. Bible Study
- 2, 3, 4 and 5. Two subjects from each of the following groups:
- (a) English, Foreign Language, History, Psychology
- (b) Biology, Chemistry, Mathematics, Physics

6. Elective ———
Total, 34 semester hours ———
Public Speaking
Physical Education

JUNIOR YEAR

1. First Major
2. Second Major
3. Elective
4. Elective
5. Elective
6. Optional course ———
Total, 30 to 36 semester hours ———

SENIOR YEAR

1. First Major, completed
2. Second Major, completed
3. Elective
4. Elective
5. Elective
6. Optional course ———
Total, 30 to 36 semester hours ———

GRADUATE WORK

Candidates for the degree of Master of Arts, or Master of Science, are expected to make application to the Registrar for permission to enter upon a course of study for the degree. This application should be made not later than one week before the opening of the University and should contain complete data as to the undergraduate work completed by the candidate. The departments in which he desires to pursue his major and minor courses should also be indicated.

This application will be considered by the Committee on Graduate Instruction and, if favorably acted upon, the candidate will be notified and furnished with the name of the professor whom he must consult and under whose general direction his courses must be pursued.

All candidates for graduate degrees must have a baccalaureate degree from the Southwestern Presbyterian University or from an institution having an equivalent curriculum.

To obtain the degree of Master of Arts or Master of Science at least one year of resident work is necessary and all candidates must possess a reading knowledge of French or German.

The candidate shall select a major subject and one or two minors. The major work must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work. In cases where two minors are elected, one minor need not be related to the major subject.

The standard of work is a minimum grade of eighty per cent in each course. The amount of work done shall be acceptable to the department concerned and to the Committee on Graduate Instruction. A final examination in each course is held in the case of every candidate for the Master's degree and is in part oral. The oral examination is open to all members of the Faculty.

A thesis may be required from every candidate for a graduate degree upon some subject set by the professor in charge of the major work for the degree. This thesis must be accepted and approved by this professor before the candidate may be admitted to the final examination, and three typewritten copies of this thesis must be submitted.

Candidates are expected to appear in person at the conferring of the degrees.

COURSES OF INSTRUCTION

ASTRONOMY

This course is an introduction to General Astronomy. Sufficient of the mathematical side of the subject is presented to enable the student to compute, from observations, latitude, longitude, time, and eclipses. The effort is made to develop a thorough knowledge of the solar system, and a partial study of constellations is undertaken. The practical use of instruments is taught. Observations and night work must be done as required. Lectures and recitations.

Three hours a week throughout the year. Not open to Freshmen or Sophomores.

BIBLE STUDY

The prominence given to the study of the English Bible is one of the distinctive characteristics of this institution. In all the courses the effort is made to present the material in such a manner that it shall not be wholly technical, but shall have practical bearing upon the student's life. The study is therefore made one of historical interest, of educational value and of practical effect.

As a stimulus to scholarship in this department the Stewart Bible Medal, provided by Mrs. Bryce Stewart, is presented to the student who completes the course of study in English Bible with the highest grade above distinction.

BIBLE I. *Old Testament History.*—A thorough study of Jewish history from the beginning to the birth of Christ. The entire Old Testament is read and the periods of Jewish development, including the period between the Testaments, are studied through lectures and class discussion. Biblical geography and contemporary history are fully treated with

the help of maps and charts. Parallel reading in standard works of reference is required.

Required of all Freshmen. Twice a week throughout the year.

BIBLE 2. *New Testament History.*—The course includes the life of Christ, the Acts of the Apostles, and the New Testament Epistles. Detailed study is made of the life and teachings of Christ with thorough presentation of the social and political conditions then existing among the Jews. The rise of the New Testament church is traced through the history of the Apostles, and the Apostolic teachings are analyzed through the study of the remaining New Testament books.

Required of all Sophomores. Twice a week throughout the year.

3. *Biblical Philosophy.*—(a) Psychology and the Bible. The psychology of Bible characters. (b) Bible logic. Logic as an essential element in exegesis. Bible arguments. (c) Philosophy and the Bible. Points of contact, differences and agreements of Bible teaching with the great systems of Philosophy.

Prerequisites: Bible 1 and 2, Philosophy 1 and 2.

4. *The New Testament in Greek.*—Selections will be read in class from John, Galatians, and Ephesians. Extensive private reading including the remaining books of the New Testament. Lectures and reports.

Prerequisite: Greek 1 and 2.

BIOLOGY

1. *General Biology.*—This course consists of an introduction to general Biology and will serve as a foundation for advanced work in either Zoology or Botany. It is the basis for all other courses in Biology. The work is devoted to a study of the fundamental biological laws relating to

both plants and animals. The course is constructed so as to have the greatest possible general cultural and educational value for students who do not intend to specialize in this field, as well as furnishing a broad foundation for those who do. Recitations and lectures.

Three hours a week. Laboratory not less than two hours. Prerequisite for all other courses in Biology.

2. *Bacteriology*.—This course is an introduction to general Bacteriology and is designed to serve especially the needs of students looking forward to courses in medicine, sanitation or related work. It is, however, eminently practical, and the course will be a valuable asset to any one's knowledge. Not only pathogenic organisms, but in a general way all the micro-organisms that are known to affect any of man's activities are considered. The microscopy and bacteriology of water and milk are especially emphasized.

Recitations and lectures three hours a week. Laboratory not less than four hours a week.

3. *General and Comparative Zoology*.—A general but careful survey of the whole animal kingdom with special emphasis laid upon comparative structure and physiology. The latter part of the year will be devoted to developing in greater detail the knowledge of some important subdivision of the animal kingdom to be selected by the class and instructor.

Recitations and lectures three hours and laboratory not less than two hours a week. Students who elect Biology as a major subject see also Chemistry 4.

4. *Economic Entomology*.—This course combines both a study of the plant kingdom and entomology. It deals primarily with relationships of crops and insects, and every

effort is made to keep the very practical phase of the subject constantly before the student. The work will be particularly interesting and valuable to those interested in any branch of agriculture.

Recitations and lectures three hours a week. Laboratory and field work is required. Students who elect Biology as a major subject see also Chemistry 4.

CHEMISTRY

1. *General Chemistry*.—This year is devoted to general inorganic Chemistry with a brief outline and introduction to the chemistry of the more common carbon compounds. It is the basis for all other courses in Chemistry and at the same time is designed to give students who may not specialize in Chemistry a broad cultural course in the subject.

Recitations and lectures three hours a week, laboratory not less than two hours. Prerequisite for all other courses in Chemistry.

2. *Analytical Chemistry*.—A course in Qualitative Analysis and Volumetric Qualitative Analysis. This course begins with systematic basic and acid qualitative analysis and then proceeds to quantitative analytical methods. Special emphasis is laid upon current methods used in industrial processes. Every effort is made to have the student thoroughly grounded in analytical principles as well as to develop a high grade of technical skill in practical analytical methods.

Recitations and lectures two hours a week, laboratory not less than four hours.

3. *Organic Chemistry*.—This is a general course in Organic Chemistry, with special emphasis laid upon structure and relationship of the carbon compounds. This course will be of great value to those contemplating the study of

medicine or specializing in foods or drugs, as well as of general interest.

Recitations and lectures three hours and laboratory not less than two hours a week.

4. *Physiological Chemistry*.—(This course can be offered in lieu of one course in Biology provided the prerequisites for admission are satisfied.) A special course particularly adapted to those contemplating the study of medicine, or becoming clinical laboratory workers. The practical side of the subject, both in class room and laboratory, is especially emphasized. Chemistry 3 and Biology 1, or equivalent courses, are prerequisites for admission.

Recitations and lectures two hours, laboratory not less than four hours a week.

COMPARATIVE LITERATURE

This course is complementary to the advanced courses in English and should be taken in connection with them. Its object is to introduce the student to the masterpieces of foreign literature through the medium of the best English translations.

Open to Juniors and Seniors, and to such others as may obtain the special permission of the instructor to enroll for the course. Not offered unless elected by at least five students. Not given 1918-19. Introduction to European literature with special attention to classical literature and the Renaissance.

ECONOMICS

1. *Social and Economic Problems*.—Believing that it is the function of liberal education to relate a man to the human situation as soon as he is able to appreciate membership in a social group, this course is designed to point out to the Freshman the vital and absorbing problems of life in their social and economic aspects. This course does

not endeavor to present more than a mere outline of the institutions upon which the social structure rests, but it rather is intended to bring home to the student the fact of society and his own part in it and responsibility to it. Thus emphasis is placed on the relation of the individual to the group; the function of the family; social control by education, religion, social pressure; problems connected with labor and the existing industrial economy; poverty; crime; the position of woman and the rights of childhood.

The course is illuminative rather than conclusive and aspires only to awaken the mind of the student to the presence and importance of the problems and to arouse an intelligent interest rather than to present any tentative solutions or to encourage the belief that sufficient data has been presented to permit of any definite conclusions.

No set text-books will be used in this course, which will be conducted through lectures, assigned readings, the preparation of frequent essays, and written tests.

Two hours a week throughout the year.

2. *General Economics*.—This course is a study of the leading principles of economic science, affording a general survey of industrial society, its structure, its institutions, its operations. An effort is made to furnish the student with the fundamental theories of economics during the first semester. During the second semester these will be applied to the more outstanding economic problems of the present time.

The course is conducted by means of text-books, collateral reading, the preparation of papers on assigned topics, and lectures.

Three hours a week throughout the year. Not open to Freshmen.

3. *Business Administration*.—The various problems which present themselves to the business man are discussed

in this course, and it is intended to be of practical value to men preparing for business careers. The student is acquainted with the principles of money and currency; banking systems and methods; the forms of business organization; the corporation; business finance; investments; the fundamentals of business law, including the general principles of the law of contracts, sales, negotiable investments, agency, partnership, and carriers.

Prerequisite: Course 2.

Three hours a week throughout the year.

4. *Economic and Financial History of the United States.*

—The main topics covered in this course are population, immigration, agriculture, mining, manufacture, labor conditions, domestic and foreign trade, railroad expansion, tariff, money, banking, public revenues and expenditures. Open only to students majoring in History or Economics.

Prerequisites: History 3 and Economics 2.

Three hours a week throughout the year.

5. *Sociology.*—This course is planned to present to the student a general consideration of the facts of social organization, social development, social control, social pathology, and social ideals. Some specific social problem is selected from year to year for more detailed study. In addition, a large amount of reading is assigned dealing with the practical social problems; the family; the child; delinquents, defectives, and criminals; the city; immigration; the negro; poverty and pauperism. Written reports are required from time to time.

Three hours a week throughout the year. Not open to Freshmen.

ENGINEERING

For those students selecting their major subjects in Science and who expect to pursue further one of the full

four year courses in Engineering at one of the more highly specialized technical universities; or who may wish to prepare themselves for an industrial career, executive in character, in the shop or factory; or who may wish to make themselves immediately useful in an engineering office or in the field; the courses in the Junior Engineering Department are offered.

The subjects given in this department are those ordinarily required of all engineering students, and embrace the work done in the first two years of standard four-year courses in engineering; and, besides, as much additional instruction in the elements of engineering as is possible in the time available.

1. *Mechanical Drawing*.—Instruction in the care and use of instruments. Drawing practice and instruction in lettering, geometrical construction, methods of representation, orthographic projection, intersections and developments, isometric projection, detail drawings of machine parts, tracing and blue printing.

Six hours a week in the drawing room.

2. *Descriptive Geometry*.—A study of problems relating to the point, line, plane and solid; curved and warped surfaces, intersections and the development of surfaces, shades and shadows, and perspective. Special attention is given to the ability to "see" lines, planes, and solids "in space."

Six hours a week in the drawing room.

3. *Surveying*.—Recitations, lectures, field and office work in the theory and practice of plane surveying. Exercise in the use of the chain, tape, level and transit. Study of the care and adjustment of instruments and methods of surveying.

Our hour recitation and four hours of field work a week for one semester.

4. *Mechanics*.—A general introductory study of theoretical mechanics with emphasis on the fundamental physical principles of the subject. The laws of equilibrium and motion, centre of gravity, moment of inertia, work, energy, friction, kinematics and kinetics. Algebraic determination of stresses. Application of principles to the solution of problems.

Three hours a week for one semester.

5. *Electrical Theory*.—A general survey of applied electricity. General theory of electricity, the theory of direct currents, and of alternating currents. A study of instruments, generators, motors, alternators, transformers, lamps and storage batteries. Electric distribution of power. Lectures and recitations and assignment of special problems.

Prerequisite: Physics 2.

Three hours a week and two hours of Laboratory.

Not given 1918-1919.

ENGLISH

The primary aim of the work in English is to secure for the student the maximum of efficiency in his knowledge of English literature and composition. The courses are designed (1) to train the student in correct and effective expression of his thought; (2) to give him a general historical and critical knowledge of English and American literature; (3) to cultivate in him the ability to interpret and enjoy literature.

1. (a) General survey of the history of English and American literature. English literature first semester; American literature second semester. Critical study of specimens of English and American prose and poetry. Parallel reading.

Twice a week throughout the year.

(b) Rhetoric and Composition. Careful study of the principles of composition with emphasis upon their practical application in life. Weekly themes.

Once a week throughout the year.

Prerequisite for English 2.

2. (a) Shakespeare, Milton, Tennyson, Browning. Each poet is studied in relation to his times. The course covers ten plays of Shakespeare and the major part of the poetry of Milton, Tennyson, and Browning. Study of English versification.

Twice a week throughout the year.

(b) Rhetoric and Composition. An advanced study of English composition with emphasis upon the cultivation of style.

Once a week throughout the year.

Prerequisite for English 3, 4, and 5.

3. The Essay, the Novel, and the Short Story as types of English prose. The historical development of each of these forms is studied and representative specimens are read and analyzed.

Three hours a week throughout the year.

4. (a) The English Drama. A study of the origin of the English drama and its development from the mediaeval to the modern period. Foreign influences are given due prominence, and the growth of the English drama is viewed in its relation to the general development of the European drama.

Three hours a week, first semester.

(b) Poetry of the Romantic Period. A study of the causes, the ideals and the influences of English romanticism.

in the eighteenth and nineteenth centuries. A study of the representative poetry of the period.

Three hours a week, second semester.

5. Anglo-Saxon. Grammatical study and reading of specimens of Anglo-Saxon prose and poetry. History of the English language.

Three hours a week throughout the year.

FRENCH

The courses in French are designed primarily to give the student an appreciation of the spirit and ideals of the French people. To this end the texts studied in each class are chosen as far as possible from the literature inspired by the Great War.

1. Grammar; pronunciation; reading of texts of moderate difficulty; practice in sight translation. In 1917-18, Hugo, *Les Misérables*, and Leblanc, *L'Eclat d'Obus* were the texts studied.

No credit towards any degree is given for this course until two additional courses in French have been completed.

Three hours a week throughout the year.

2. An introduction to the French novel and short story. In 1917-18 the works selected for class study were: Hugo, *Quatre-vingt-treize* and Rosny, "*Perdus*." The private readings included short stories of Balzac, Bazin, Coppée, Daudet, Lemaitre, Maupassant, Mérimée, and Zola.

Three hours a week throughout the year.

3. (To alternate with French 4, not given in 1918-19.) Lectures on the history of French literature with extensive private reading.

Three hours a week throughout the year.

4. (To alternate with French 3, not given in 1917-18.) Lectures on the history, government, and institutions of France since 1870, with special emphasis on the period since 1914. Extensive private reading consisting largely of literature based on the Great War.

Three hours a week throughout the year.

GEOLOGY

The work in this course covers a period of one year, and is an introduction to the elements of General Geology. Sufficient zoology should be had by the student to enable him to understand Paleontology. Good use is made of the large collection of minerals and fossils in the cabinets of the institution. Every effort is made to render the subject practical by field work done as required. Lectures and recitations.

Three hours a week throughout the year. Not open to Freshmen or Sophomores.

GERMAN

The literature of Germany is studied with a view to familiarizing the student with the great achievements of the German mind in the past rather than its aberrations in the present. In the higher courses, however, texts illustrating the spirit of present day Germany, in particular, literature based on the Great War, form an important part of the prescribed reading.

1. The work of the year will include: grammar; pronunciation; reading of texts of moderate difficulty; practice in easy sight translation.

Bacon's New German Grammar; Fick's "Dies und Das"; "Hin und Her"; and "Alt und Neu"; Goethe's "Die Neue

Melusine," and Frennsen's "Peter Moor" will be the texts studied.

No credit towards any degree is given for this course until two additional courses in German have been completed.

Three hours a week throughout the year.

2. Reading of advanced prose texts with practice in advanced sight translation. Sudermann's "Frau Sorge," and "Der Katzensteg"; Fahrst's "Allerlei" and Bernhardt's "Novellen-Bibliothek" will be the texts studied.

Three hours a week throughout the year.

3. Lectures on the history of German literature, class study of the masterpieces of the German drama, extensive private reading. To alternate with German 4, not given in 1918-19.

Three hours a week throughout the year.

4. Lectures on the history, government, and institutions of Germany since 1870 with special emphasis on the period since 1914. Extensive private reading consisting largely of literature based on the Great War. To alternate with German 3, not given in 1917-18.

GREEK

The courses in the classics are conducted with a view to the early acquisition of a ready reading knowledge of the language and an appreciation of the literature and institutions of the Greeks and Romans having for its object the imaginative reconstruction of antiquity. Much time is devoted to sight reading, which is taken up at a very early stage of the course. The masterpieces of the literature are studied as works of art rather than as material for grammatical drill.

1. Course for Beginners. Forms, inflections and essential constructions of the language; prose composition and practice in sight translations. The texts used in 1917-18 were Burgess and Bonner, *Elementary Greek*, and Goodwin and White, *Xenophon's Anabasis*. For credit toward a degree two additional courses in Greek must be taken.

Three hours a week throughout the year.

2. An Introduction to the Greek Historians. Herodotus and Thucydides will be the authors studied. Lectures on Greek history and institutions. Private reading of selected portions from Xenophon and parallel reading in translations and modern histories of Greece.

Two hours a week throughout the year.

Prose composition and sight reading.

One hour a week throughout the year.

3. An Introduction to the Poets and Orators of Greece. Homer, Theocritus, Lysias and Demosthenes will be the authors studied. Lectures on Greek literature. Private reading and parallel work. Alternating with Greek 4. Not given 1917-18.

Three hours a week throughout the year.

4. An Introduction to the Philosophers and Dramatists of Greece. Plato, Sophocles and Euripides were the authors studied in 1917-18. Lectures on the influence of the Enlightenment on religion, philosophy, art and literature. Private reading and parallel work. Alternating with Green 3. Not given 1918-19.

Three hours a week throughout the year.

5. The New Testament in Greek. Selections will be read in class from John, Galatians, and Ephesians. Extensive private reading including the remaining books of the

New Testament. Lectures and reports. Classes which have completed Greek 2 may substitute this course for 3 or 4.

Three hours a week throughout the year.

HISTORY

1. *General European History*.—The aim of this course is to acquaint the student with the progress of Western Europe in civilization and political organization through the period of the Middle Ages, the Renaissance, the Reformation, closing the study with the fall of Napoleon and the Congress of Vienna. The earlier periods will be briefly considered, while a more intensive study will be made of the period of the French Revolution. Alternating with History 2.

The method of instruction comprises the use of text-books, collateral reading, the preparation of frequent essays, and written tests.

Three hours a week throughout the year.

2. *Modern European History*.—This course is a general survey of the field of European history from the Congress of Vienna to the present time. In the first semester especial attention is given to constructive movements in the development of Italy, Germany, France, and Austria-Hungary. The work of the second semester will be directed towards the study of constitutional progress, colonial expansion, and international relations as affecting England and the continental European states. Alternating with History 1.

The method of instruction followed in History 1 will be continued in this course.

Three hours a week throughout the year.

3. *The History of the United States*.—The work of the first semester deals with the discovery and settlement of America, colonial life, the growth of Americanism, the period

of the Revolution, and the formation of a federal government.

The second semester will be given to the study of the political and constitutional development under the new constitution, the rise of sectional antagonism, the Civil War, the Reconstruction, the appearance of currency and tariff contests, the westward expansion, and the present international situation.

Text-books will be used in the course merely as a guide, while the emphasis will be placed upon extensive collateral reading, lectures, the preparation of papers and frequent written tests.

Not open to Freshmen.

Three hours a week throughout the year.

4. *Economic and Financial History of the United States.*

—The main topics covered in this course are population, immigration, agriculture, mining, manufactures, labor conditions, domestic and foreign trade, railroad expansion, tariff, money, banking, public revenues and expenditures.

This course is open only to students electing History or Economics as a major study. Prerequisites: History 3 and Economics 2.

LATIN

1. An Introduction to Latin poetry. The entire year is devoted to the life and works of Vergil. This course will not be counted towards a degree unless two additional courses in Latin are taken.

Open only to Freshmen offering three units in Latin.

Three hours a week throughout the year.

2. An Introduction to the Roman Historians. The authors studied will be Sallust, Livy and Nepos. Lectures

on the history of Rome. Sight reading, private reading of assigned texts, and parallel work in modern historians of Rome.

Three hours a week throughout the year.

3. An Introduction to the Literature of the Republic. The authors studied will be Cicero, Catullus, Lucretius and Terence. Lectures on Latin literature. Private reading of assigned texts and parallel study. Alternating with Latin 4, not given 1918-19.

Three hours a week throughout the year.

4. An Introduction to the Literature of the Empire. The authors studied will be Horace, Ovid, Tacitus and Juvenal. Lectures on Roman life and institutions. Parallel study and private reading of assigned texts. Alternating with Latin 3, not given 1917-18.

Three hours a week throughout the year.

MATHEMATICS

1. (a) Algebra, including logarithms, partial fractions, indeterminate coefficients, permutations and combinations, variables and limits, series, theory of equations, and determinants. (b) Plane and spherical trigonometry.

Three hours a week throughout the year.

2. Coordinate Geometry of two and three dimensions.

Course 1 prerequisite.

Three hours a week throughout the year.

3. Differential and Integral Calculus.

Course 2 prerequisite.

Three hours a week throughout the year.

4. The History and Teaching of Mathematics. A study of the development and the methods of the teaching of

Mathematics, especially arithmetic, algebra, and geometry with a view to meeting the needs of teachers in secondary schools.

Course 1 prerequisite.

Three hours a week throughout the year.

MILITARY SCIENCE AND TACTICS

All male students are required to take the course in military training. The instruction extends over two years and is counted as one credit towards a degree. The purpose of the course is to provide young men with the opportunity to fit themselves for efficient military service.

1. Practical and theoretical instruction.

Three hours a week.

2. Practical and theoretical instruction.

Three hours a week.

PHILOSOPHY

1. (a) Logic, deductive and inductive, with special application to literature, argumentation and science. (b) Psychology, physiological and introspective.

Not open to Freshmen.

Three hours a week throughout the year.

2. (a) Introduction to philosophy, with historical outline and criticism and positive teaching. (b) Ethics and Evidences of Christianity.

Course 1 prerequisite.

Three hours a week throughout the year.

3. History of Philosophy. A study of typical philosophical monographs in their historical setting and order.

Course 1 and 2 prerequisite.

Three hours a week throughout the year.

4. Education. A course planned to meet the needs of teachers in secondary schools. (a) Educational psychology. (b) Principles of school management.

Course 1 prerequisite.

Three hours a week throughout the year.

5. Biblical Philosophy. (a) Psychology and the Bible. The psychology of Bible characters and situations. (b) Bible logic. Logic as an essential element in exegesis. Bible arguments. (c) Philosophy and the Bible. Points of contact, difference and agreements of Bible teaching with the great systems of Philosophy.

Prerequisites: Bible 1 and 2, Philosophy 1 and 2.

Three hours a week throughout the year.

PHYSICS

1. General Physics, covering the fundamental phenomena. The subjects considered are general mechanics, molecular mechanics, heat, electricity and magnetism, sound, and light. These are discussed both mathematically and experimentally.

Three hours a week throughout the year and two hours of laboratory.

2. Advanced Physics. Advanced work in mechanics, heat, waves and wave motion, sound, light, and electricity. This course lays the foundation for all later and more specialized courses in physics.

Prerequisite: Course 1.

Three hours a week and laboratory two hours a week throughout the year.

3. Heat. A more intensive study of the theory and nature of heat. Precise thermometry, the transmission of heat, kinetic theory of gases, adiabatic curves, laws of ther-

modynamics, sources of heat. Some attention is given to the study of such temperature and heat measurements as are of technical importance, such as the caloric efficiency of fuels. Also considerable attention is given to that part of the theory which forms the basis of the study of engines, boilers, and systems of heating.

Prerequisite: Course 2. Not given in 1918-19.

Three hours a week.

4. Electrical Theory. Elements of electrical engineering. This course is a general survey of applied electricity. General theory of electricity, the theory of direct currents, and of alternating currents. A study of instruments, generators, motors, alternators, transformers, lamps, and storage batteries. Electric distribution of power. Assignment of special problems.

Prerequisite: Course 2. Not given in 1918-19.

Three hours a week and laboratory two hours a week throughout the year.

PHYSICAL EDUCATION

Students are required to report soon after their arrival at Southwestern to the Director of Athletics and to attend the gymnasium classes to which they may be assigned. The work in the gymnasium is adapted to the particular needs of each individual. All Freshmen and all students entering with advanced standing are required to take the course in physical education.

1. *Personal Hygiene and Physical Education.*—This course includes lectures on the fundamental laws affecting health, together with such corrective or developmental exercises as are demanded by each individual student.

PUBLIC SPEAKING

The course in Public Speaking is designed to give practical instruction in the methods for making public speech effective, and to fit the student to meet the actual needs of life. It includes training in the preparation and delivery of the various forms of public discourse and thorough study of the principles of argumentation and the methods of debating. In addition to the training of the class-room, further practice is given through college occasions and through public contests in debating and general public speaking.

Public Speaking 1.—Practical study of voice control, articulation, expression, gesture. Study of the preparation and arrangement of material and its effective delivery. Study of the physical, mental and moral preparation of the speaker.

Required of all Freshmen. Prerequisite for Public Speaking 2. Once a week throughout the year.

Public Speaking 2.—Advanced study along the general lines presented in Course 1. Special attention to argumentation and debating.

Required of all Sophomores. Once a week throughout the year.

SPANISH

The courses in Spanish aim to familiarize the student not merely with the literature, history and institutions of Spain, but primarily with those of Spanish America, in recognition of the fact that the latter are not only of greater significance to the North America of the present but also to the world of the future.

1. The work of the year will include: grammar, pronunciation, reading of texts of moderate difficulty; practice in easy sight translation.

Hills and Ford, *Spanish Grammar*; Harrison, *Elementary Reader*; and Morrison, *Tres Comedias Modernas* will be the texts used.

No credit towards any degree is given for this course until two additional courses in Spanish have been completed.

Three hours a week throughout the year.

2. Reading of advanced prose texts with practice in advanced sight translation. Galdos, *Doña Perfecta*, and Ibañez, *La Barraca*, will be among the texts prescribed.

Three hours a week throughout the year.

3. (To alternate with Course 4, not given in 1917-18.) Lectures on the history, institutions and literature of Spain, with class study of some of the masterpieces of Spanish literature. Extensive private reading.

4. (To alternate with Course 4.) Lectures on the history, institutions and literature of Spanish America, especially of Argentina and Chile. Extensive private reading.

COURSES FOR TEACHERS

For the benefit of teachers and others who wish to prepare themselves for the degree of B.A. or B.S. and are unable to attend classes at the regular hours scheduled the University offers each year courses in several departments. These cover the same ground as the regular courses, and on their completion the student will receive college credit. Classes will meet in the afternoons and on Saturday mornings.

These courses are subject to the following conditions:

1. The admission requirements are the same as for other students.

2. The instructors have the option of withdrawing any course for which less than three apply.

3. The fees are: matriculation, \$5.00, and tuition, \$10.00 for each course, terms which apply only to students who do not register for more than two courses.

During the session 1917-18 the following courses were offered:

1. Chemistry. 2. Psychology and Education. 3. American History. 4. Latin. 5. Mechanical Drawing. 6. English. 7. French.

GENERAL INFORMATION

HISTORICAL SKETCH

The first definite plans for the founding of the Southwestern Presbyterian University date from the year 1873. At that time, in answer to an overture from the Synod of Nashville of the Presbyterian Church in the United States, to the Synods of Memphis, Arkansas, Mississippi and Alabama, commissioners were appointed, who held a conference in Memphis, Tennessee, and adopted a "Plan of Union" which was the initiatory step in establishing the University.

The valuable properties of Stewart College, an institution located at Clarksville, Tennessee, and under control of the Synod of Nashville, were offered the Board of Directors which had been provided for under the "Plan of Union," and, accepting this as a nucleus for the new University, the articles of incorporation were duly filed on the twentieth of May, 1875.

Among those who keenly appreciated the educational needs of what was then the Southwest, none was more active than Dr. J. B. Shearer, so that quite fittingly he was selected as acting head of the Southwestern Presbyterian University.

The Synod of Texas, which had become one of the controlling synods, withdrew from the University in 1877, but resumed its relations in 1895, only to make a final withdrawal in 1902, when a theological seminary was established within its own bounds. When the Synod of Arkansas had established a synodical college in 1895, this Synod also withdrew. The University is now under the control of the Synods of Alabama, Louisiana, Mississippi and Tennessee, each body electing three members to the Board of Directors.

The Rev. B. M. Palmer, D.D., of New Orleans, was elected to be the first chancellor, but his congregation were so reluctant to give their consent to the termination of his ministry that he declined the call. The Board of Directors then elected the Rev. J. N. Waddel, D.D., previously chancellor of the University of Mississippi. Dr. Waddel entered upon the duties of his office in 1879.

In 1885 a Theological Seminary was added to the college of arts and sciences and entered upon a work of great value to the Church. Some of the best loved men of the Church have served as professors in the Seminary, and more than three hundred ministers were trained within its walls. However, owing to the increasing cost of maintenance, the theological department of the University was indefinitely suspended in June, 1917.

SOUTHWESTERN'S RECORD

Southwestern has always been a small college. This and other advantages have contributed to the quality of the Southwestern type. Her alumni have achieved positions of leadership in Church and State, eloquent testimony to the steadfastness with which the highest ideals of scholarship have been maintained as well as to the splendid character of the students. Probably there is no other similar institution of learning in which can be found a higher moral tone or a more elevating spirit of fellowship. The men who have come to Southwestern have uniformly cast their influence on the side of good conduct, so that a tradition has been built up in favor of earnestness, purity, and sobriety. It should not be necessary to emphasize the tremendous influence for good which comes from an association of four years with men of the Southwestern type, and this is all

the more true, since a young man, when he enters upon college life, is peculiarly susceptible to outside influence. In view of this fact, the Faculty of the University is zealous in protecting the moral welfare of the students, terminating the connection of any student with the institution if at any time his life and conduct are at variance with the spirit of the University and exert a harmful influence upon his fellow students. In sending their sons to Southwestern parents may feel assured that their welfare is safeguarded in every way possible.

THE TOWN OF CLARKSVILLE

The town of Clarksville is situated on high bluffs above the Cumberland and Red Rivers about sixty miles north of Nashville, two hundred miles east of Memphis, and two hundred miles south of Louisville. With a population of about ten thousand, electric lights, electric cars, telephone and telegraph service, new modern water works, free mail delivery, excellent stores, freedom from saloons, and other advantages, the community has much to render it desirable as a location for a college.

Clarksville is a city of beautiful homes and is called a city of churches. The social conditions are most helpful to young men. Its citizens are among the most cultured and refined people of the State. A cordial reception is given the college students, which brings them in contact with the best people of the city. A young man here finds an opportunity for developing his social nature in an environment both stimulating and helpful.

Special mention should be made of the uniformly excellent health record of Clarksville. It is, according to official reports of the State Board, one of the most healthful cities in Tennessee. The air is bracing and furnishes climatic

conditions very favorable to student life. Students from lower altitudes find here freedom from malaria and lassitude.

The railway facilities are very good. Two systems, the Louisville and Nashville and the Tennessee Central, cross here, making any part of Tennessee and of the adjoining states easily accessible.

SOUTHWESTERN'S SPECIALTY

As a result of the relatively small number of students enrolled from year to year, Southwestern has always possessed that most highly prized of all educational assets, the ability to give individual training and oversight to its students. The necessity for taking the student from under the direct instruction of the full professors and giving him into the charge of inexperienced tutors and instructors has not been felt at Southwestern. Rather is there to be found a personal relationship between professor and student which leads to highly desirable results in the imparting of culture and the moulding of character. The University does not rest upon any department or course of study, but upon a type of student, who has received a thorough and well-balanced training for life. While Southwestern may lose some of that glamour which surrounds some of the larger institutions and the prevalent cult of numbers, yet the benefits to be derived from a prolonged association with earnest, thoughtful men in a morally healthful environment are to be commended to those young men who are seriously seeking the best preparation for a useful, successful life.

COURSES OF STUDY

Believing that the liberally educated man is one who knows enough about all the different major intellectual dis-

ciplines to have developed an intelligent special interest in one or more of them, the course of study described elsewhere will be found to have been arranged to meet this idea. Not only may the student secure that broad cultural training which is the peculiar work of the college, but he may also devote himself to those special subjects which may be necessary for further professional studies or for business. For those students who intend to study for the ministry, law, medicine, or teaching, courses may be elected which are fundamental to these professions.

As a result of the introduction of advanced work in the sciences and of courses in Drawing, Mechanics and Surveying, graduates of Southwestern are able to obtain two years' advanced standing in the best technical colleges. In this way the broad culture of the college may be secured in but little more time and with little more expense than if the student had enrolled directly in a school of engineering, while the extreme value of this liberal collegiate training in his profession will be attested to by all successful engineers.

A YEAR'S PROGRESS

During the past year a number of additions have been made to the buildings, equipment, professorial staff, and courses which increase very greatly the advantages which the University offers to its students. In the fall of 1917, work was begun on the new "College Commons," the splendid gift of the people of Clarksville, and the building will be ready for use with the opening of the session of 1918-19. During the past summer the lecture rooms and laboratories for the departments of Chemistry and Biology were installed in the large and commodious west wing of the Castle building, while the lecture rooms and laboratories

of the department of Physics were given ample quarters in the east wing. The departments are thus equipped with ample facilities and space, until they are finally housed in a Science building, set apart for their use, plans for which are under consideration.

In order to provide thoroughly comfortable and convenient quarters for students rooming in the college dormitories, these were both thoroughly renovated and everything possible was done to make the rooms homes for the students during their years of college life.

It will be noted that the teaching staff has been enlarged and that a department of Modern Languages and a Junior School of Engineering have been created. In addition, the University has secured a Director of Physical Training who supervises the physical education and development of the students and conducts the military drill, which was installed to meet the request of the national government. Large and valuable additions have also been made to the University Library as a result of a generous gift for this purpose from Mr. W. T. Hardie, of New Orleans, Louisiana.

EQUIPMENT

GROUNDS

The campus of the University is a beautiful tract of twenty-four acres, almost all of which is covered with blue grass and in front is shaded by giant oak trees. It is located in a quiet, residential section of the city, though only a short distance from the business section and the stations of the Louisville and Nashville and the Tennessee Central Railroads. A system of concrete walks connect the dormitories and the buildings used for instruction and administration.

THE CASTLE

The oldest and probably the most striking building on the campus is the "Castle." It is constructed of brick, trimmed with stone, in Tudor-Gothic style. The central section of the building is four stories high and contains five large lecture rooms, besides providing attractive quarters for the four Greek letter fraternities which have chapters at Southwestern. On the ground floor are provided two large and conveniently arranged halls for the use of the literary societies.

LABORATORIES

Three laboratories have been through a period of years developed under the direction of highly trained scientists at a cost of many thousands of dollars. These laboratories, through appropriations and fees, are being constantly enlarged and are kept abreast of scientific progress. In addition to the laboratories set apart for experimental work by the students, there are to be found unusually ample equipment for work in astronomy and geology.

ASTRONOMY

This department is equipped with a six-inch telescope, two sextants, one chronometer, a transit with the usual accessories for meridian observation, together with a complete supply of maps, charts, globes, lantern slides, and all equipment needed for the study of astronomy.

BIOLOGY

This laboratory contains a complete outfit of tables, microscopes, dissecting instruments, specimens, and models for use in courses in general Biology. It is also equipped with incubators, sterilizers, and other apparatus necessary for bacteriological and histological study. From year to year, as the demand increases, additional equipment is provided. The department is fortunate in possessing a collection of about sixteen thousand specimens of shells, corals, and sponges, the gift, in the main, of Professor W. M. Stewart. In addition, there is a splendid herbarium containing over four thousand mounted botanical specimens.

CHEMISTRY

The department of Chemistry is housed in the two-story west wing of the "Castle" building, covering a ground space of fifty by seventy feet. The building is splendidly lighted and ventilated and affords ample space for the work of the department. In addition to the large laboratory for general chemistry, which occupies the whole of the second floor, there are a large lecture room, stock room, dark room for photographic work, and a smaller laboratory for advanced and graduate work. All of the apparatus necessary for courses in chemistry conducted along the most advanced lines is to be found. The department is especially well

equipped for work in organic chemistry and qualitative and quantitative analysis.

GEOLOGY

The University is fortunate in having had among its professors men of marked ability in natural science, who have given the institution the fruits of their researches. As a result, in addition to the magnificent Stewart conchological collection, there have been gathered by the several professors who have served in this department a geological collection of over six thousand minerals and ores, together with a valuable collection of fossils, mainly representative of the Paleozoic era. All of these are preserved in large glass cabinets and provide ample material for geological study.

PHYSICS

The department of Physics occupies the entire east wing of the "Castle." The first floor provides space for a large lecture and demonstration room, laboratory for advanced students and a private laboratory for the professor. The entire second floor is given over to laboratory space for the use of students in the less advanced courses.

The laboratory is well equipped with apparatus for elementary experimental work, together with all needed equipment for advanced work in mechanics, electricity and light.

STEWART BUILDING

The Stewart building, named in honor of Professor W. M. Stewart, the first president of Stewart College, out of which the University grew, contains the offices of administration, the office of the Registrar and the private office of the President of the University. On the first floor there are, in addition, two lecture rooms and the rest room for the use of the young women.

THE LIBRARY

The entire second floor of the Stewart building is occupied by the University Library. Containing more than fifteen thousand volumes and more than seven thousand pamphlets and magazines unbound, it provides excellent material for the supplementary work and reading which forms an integral and necessary part of the various courses in every department of instruction.

These volumes are arranged in a series of fourteen alcoves on the floor of the reading room and in about the same number in the gallery which surrounds the interior. All students have free and complete access to the shelves. The library is catalogued according to the Dewey system, and by use of the card index, arranged by titles and authors, it is possible to locate immediately any book in the library.

The Library is under the immediate supervision of the Librarian and his Assistant, and is kept open every week day from 9:00 A.M. to 5:30 P.M.

The reading room is well supplied with a large number of periodicals, some of popular character and some technical, together with daily and weekly papers.

Additions are made to the Library from year to year of the most important books for the various departments. This year, through the substantial gift of Mr. W. T. Hardie, of New Orleans, an unusually large addition has been possible.

The University desires particularly to possess as complete a collection as possible of the publications of South-western graduates, and alumni who publish books or pamphlets are requested to assist the Library in this undertaking by presenting the Library with copies of their works.

THE WADDEL GYMNASIUM

The gymnasium, in the Waddel building, named in honor of the first president of the University, is well equipped with apparatus for general exercises, and all Freshmen and Sophomores are required to take regular work in physical training.

The main floor contains a large exercising room and courts for basketball and hand ball. An indoor running track encircles the floor. Adjoining the main floor are the locker rooms, director's examination room, and shower baths.

Upon entrance all students are given a thorough physical examination by the director and the proper corrective or development exercises are prescribed and carried out under his supervision. This work is under the direction of Mr. B. N. Shaw, who has charge of all athletics. General supervision of athletics is exercised by the Athletic Council, composed of members of the faculty and students, Professor Scott C. Lyon, chairman.

ASSEMBLY HALL

Directly over the gymnasium in the Waddel building is the Assembly Hall, having a seating capacity of about one thousand. This hall is used for the Commencement exercises and for other public functions from time to time.

Y. M. C. A. ROOMS

The attractive and comfortable quarters of the Young Men's Christian Association are also located on the first floor of the Waddel building. The daily Chapel service is held in these rooms.

THE COLLEGE COMMONS

The beautiful new Commons, the gift of the people of Clarksville to the University, is now almost completed and will be ready for occupancy with the opening of the session in 1918. This building contains a large dining hall, with a seating capacity of two hundred and fifty, a sanitary kitchen, with terrazzo floor and the most modern kitchen equipment. In addition there are on this floor the office of the student manager of the dining hall, and reading rooms. In the basement are cold storage rooms, and ample space for instruction in manual training and domestic science, which will, in all probability, be instituted at an early date.

The "Commons" is built of red brick, trimmed with stone, of a semi-castellated type, and is located almost midway between the Gymnasium and Calvin Hall.

CALVIN HALL

Calvin Hall is a brick building, two stories in height, and provides rooming accommodations for about forty students. The rooms are large, light, and well ventilated. Two students share each room. The building is well supplied with toilet and bath facilities. The rooms are furnished with single beds, table, chairs, dresser, wardrobe, book shelves, mattresses and pillows. Students are expected to furnish their own blankets and bed linen.

ROBB HALL

Robb Hall is also of brick and is two stories high, providing accommodations of the same quality. The rooms are all neatly papered and of attractive appearance.

An experienced and well-qualified matron resides in this building, exercising general oversight of the halls. The in-

firmly is also located in this building. Students, while sick, may be cared for here and may feel assured of the most thoughtful and sympathetic attention.

The equipment and furnishings of the rooms are the same as in Calvin Hall.

SHEARER ATHLETIC FIELD

Back of the Gymnasium and the "College Commons" lies the Shearer Athletic Field. This provides space for a football field, baseball diamond, and a grandstand. Adjoining the football field are a number of well-located tennis courts, which are kept in good playing condition by the members of the Tennis Association.

STUDENT ACTIVITIES

SELF-GOVERNMENT

In order that in every sphere of college life good order and conduct becoming gentlemen may be secured, the students voluntarily accept and maintain an honor system, and its standards are enforced by tradition and public opinion among the students. It is tacitly understood that all students, when they matriculate, assume the obligations and responsibilities of this honor system. The Honor Council, which is the executive head of the system, is chosen annually by the students from groups, which, taken together, represent the entire body.

LEAGUE FOR LEADERSHIP

A voluntary organization, founded in 1917, which has for its purpose the realization of the best endeavors of which each individual member is capable, is the College League for Leadership. The scope of the League is probably best indicated by the following Creed:

I believe in the United States of America, in her institutions and her ideals, in her glorious past, her chivalrous present, and her boundless future.

I believe in a true and progressive and triumphant democracy as the noblest expression of the rights of man, in liberty and humanity, in honor and justice, in equality of opportunity, and in the comradeship of a common sacrifice.

I believe in the calm heroism of unfaltering fidelity to the commonplace duty, in the consecration of self in the spirit of single-hearted service to the furtherance of our national welfare, and in the loyal devotion of those powers I possess to the enduring betterment of the world.

It will be seen that the League aims to develop the well-rounded man, and that it deals not so much with specific accomplishment as with the spirit in which the student relates himself to his duties and opportunities. The emblem of the League is a blue flag with a single white star, which is presented to the student whenever he shall determine to accept the following membership pledge:

I hereby pledge myself to the service of the Government of the United States of America as follows:

I agree to undertake and to perform my duties as a student with loyalty and enthusiasm, as a patriotic duty.

I further agree to devote myself without reservation to the development of every ability I possess which will enable me to render more effective service to my country and to realize the highest ideals of American citizenship.

YOUNG MEN'S CHRISTIAN ASSOCIATION

The religious life of the college centers around the Young Men's Christian Association. A large proportion of the students are members, and, as an organization, it has always exerted an unusually potent influence for good. The Association maintains an attractive suite of rooms in the Waddel Gymnasium, in which weekly religious services are held. In addition there are conducted Bible classes and mission study classes, while many of the members are actively engaged in religious work in the various mission churches and Sunday-schools in and adjacent to Clarksville. The Association endeavors to relate itself closely to the life and interests of the students, and especially at the opening of each college year it is of service in helping new students get satisfactorily located, through the annual reception, which is given in honor of the new students, to which all

students, the faculty, and friends are invited, and by the annual publication of a handbook, containing information about the college which is of great value both to old and new students.

LITERARY SOCIETIES

The Washington Irving and Stewart Literary Societies were organized early in the history of the University. These societies are most valuable adjuncts of college life, furnishing a training and culture that cannot otherwise be so well attained, and every student is urged by the authorities of the college to associate himself with one of them and to take an active part on its work. Both societies are similar in aim and quality of work, and afford opportunities for training in debate, declamation, public speaking, and parliamentary usage. The meetings are held on Friday night. Both societies collaborate in the publication of the *Journal*, a monthly magazine, and also offer prizes and medals for improvement as well as for excellence in literary and rhetorical exercises.

"THE PALS"

"The Pals" is a dramatic club which studies and presents a number of sketches and plays each year. The club has constructed in the "Castle" building a Little Theater, modeled after the well-known Portmanteau Theater and of almost the same proportions. The equipment, as to scenic and lighting effects, is unusually good, and any dramatic production which does not emphasize mere bigness can be presented.

Any student may, upon application, become an associate member, but full membership can be held only after the associate member has written and produced a sketch or play or has won individual applause in three public productions.

THE JOURNAL

The members of the two literary societies unite in publishing a monthly magazine, *The Journal*, which ranks well among collegiate publications and reflects credit upon its managers. In addition to stimulating the literary activities through the publication of essays, short stories, poems, and the like, it also records various matters of interest among the students.

FRATERNITIES

Four Greek letter fraternities are represented by chapters at Southwestern. These fraternities have halls in the "Castle" building which they have furnished and decorated most attractively and their activities do much to add interest and zest to the social life of the college. No new student may be initiated until such time as he shall have made an average grade of seventy per cent or over.

ATHLETICS

The athletic affairs of the University are directed by an Athletic Council, composed of representatives from the students and from the faculty. Each student pays to the University a gymnasium and athletic fee of ten dollars, which entitled him to the use of the gymnasium and instruction by the director of the gymnasium. Every student, upon entrance, is given a thorough physical examination and, if he is physically fitted for it, he may offer for any athletic team or participate in any form of exercise under the supervision and guidance of the athletic director.

The following regulations govern athletic teams representing Southwestern:

1. No student may represent the college unless, during

the preceding month, he shall have made an average grade of seventy per cent.

2. No individual may play on any athletic team representing Southwestern in intercollegiate contests except bona fide students of the University.

3. No student shall play on the baseball team in any year unless he has begun his college work not later than the beginning of the second semester.

4. No member of any athletic team shall receive any compensation whatever—money, board, or tuition—for his participation in athletics.

5. No football team shall play more than one game on any trip unless, by reason of unusual conditions, special approval is given by the faculty committee on athletics.

6. No baseball team shall be absent on any one trip for a longer period than one week, and the total number of absences must not exceed ten days.

ORCHESTRA AND GLEE CLUB

From year to year the students who possess some ability in the use of a musical instrument or in singing have organized and given public performances in Clarksville and in other cities. The University Band has been for a number of years particularly active and has furnished music at the public exercises of the University. Membership in these organizations is open to all who may be capable of developing into efficient members.

COLLEGE LECTURES AND PUBLICATIONS

CONVOCATIONS

At stated intervals during the year public lectures will be given by members of the faculty or by visitors at the invitation of the faculty. As a general rule, these convocations deal with matters of importance in the life of the students, and are under the supervision of the Faculty Committee on Public Exercises.

LECTURES TO FRESHMEN

During the early part of the year a series of lectures will be given by members of the faculty which are of especial interest to those young men who are entering upon life at college. The purpose is to enable the student to adapt himself more readily to the new conditions and changed environment and to safeguard him from the temptations which are characteristic of life at college. Thus such matters as the honor system, habits of study, campus life, personal hygiene, and the like, will be considered.

EXTENSION LECTURES

In order that the University may enter upon a more active relationship with the territory which it serves and in order that a more vital connection may be established, a number of the members of the faculty will be available for public lectures each year, not only in Clarksville, but in communities within a radius of approximately one hundred miles. These lectures are given without cost other than the actual expense of transportation and entertainment.

The following lectures were offered during the session of 1917-18:

CHAS. E. DIEHL, *President of the University*

"The Book of Books"

"The Cure of Care"

"The Lure of Tomorrow"

"The Red Cross"

"The Cry of a Child"

WILLIAM DINWIDDIE, *Professor of Philosophy*

"Brain and Mind"

"Mental Wireless"

SCOTT C. LYON, *Professor of Chemistry*

"Domestic Sanitation"

"The House Fly and Typhoid"

L. I. MACQUEEN, *Professor of Political and Social Sciences*

"Is Education a Picnic?"

"America, the Frontiersman of the World"

"What the State Steals"

JOHN BOWEN EDWARDS, *Professor of Greek and Latin*

"Chalk Talks"

"Frightfulness in Greek Literature"

ROBERT C. BEALE, *Professor of English*

"English in Daily Life"

"What Literature Should Mean to Me"

"Stumbling Blocks and Stepping Stones"

D. L. SNADER, *Professor of Engineering*

"Engineering as a Profession."

"The Art Side of Engineering Structures"

“Monuments of the Past—Their Significance and Character”

“The Romance of Physical Science”

THE UNIVERSITY BULLETIN

The University issues quarterly a Bulletin, containing information relative to the institution, such as statements of the courses of study, items of social or athletic interest, the work of alumni, and the general condition of the University and its work. Copies of this Bulletin will be sent without cost to those who desire to receive it.

ADMINISTRATION

Wherever a group of men is associated for a common purpose, organization and discipline are necessary for efficient work. Wherever the conduct of the individual could interfere with the administration of the activities which are directed towards the common end, it becomes subject to regulation. At Southwestern these regulations are rather for information and direction than for repression, as it can be assumed that our students are gentlemen sensible of their privileges and aware of the high aims which unite us and are their aims as well.

No group, however, can afford to neglect the physical or moral health of its members. Each year the student body must assimilate new members, and there are a few points on which new students will require direction in order to adjust themselves to college life. Though the best discipline is that which is developed within rather than imposed from without, the first requirement for the new student who wishes to become a college man is loyalty to his college and respect for its traditions.

THE COLLEGE YEAR

The forty-fourth session begins on the third Thursday in September. The academic year includes thirty-six weeks of work, divided into two semesters. The beginning of the second semester is on February 3. The Christmas Holidays begin on Friday, December 20, and extend to Thursday, January 3. The first term examinations are from January 24 through the 31. Commencement Day is the second Tuesday in June. Courses of study are arranged by semesters of eighteen weeks each.

ENROLLMENT

Applicants for admission to the University will be enrolled as students upon presentation of a card, signed by the Registrar, stating they are eligible to enrollment.

For class enrollment, each student receives from the Chairman of the Curriculum Committee a card on which are noted the courses which he intends to pursue. This card presented to the instructors in these courses entitles the student to have his name entered on the class roll, and must be presented at the next meeting of the class after his matriculation. Absences will be reckoned from the first meeting of the class.

WITHDRAWALS

No student shall withdraw from the University before consulting the President. The penalty incurred by the omission of this courtesy is indefinite suspension.

REGISTRATION

Students are required to matriculate promptly. Two days are set apart at the opening of the term for registration. For delayed registration an extra fee of \$2.00 is imposed. This fee is used for the Library.

CHANGE IN COURSE

After the first of October a student may not make any change in his course of study without the consent of the Faculty. If any student desires to make a change in his course of study his application should be made to the Chairman of the Curriculum Committee, from whom he will receive a card which is to be signed by the instructors of the classes concerned. This is to indicate the approval of the professors and also that the change has been duly noted on

class rolls. Until this card is presented with all required signatures the student is not excused from attendance upon the course he wishes to discontinue.

When the abandonment of a course is due to previous neglect of work the student shall be recorded as failing in this course for the term.

ABSENCES

One absence from recitations and lectures during each report period is allowed in each course without reduction of grade, but additional absence reduces the student's grade five points. Where such absences have been unavoidable, the instructor may permit the student to restore his grade by examination or special assignment.

Absence from chapel is subject to the following regulation: Each absence from chapel reduces the chapel grade 10 per cent. An average chapel grade of less than 70 per cent for any semester will render the student liable to discipline. An average chapel grade of 70 per cent is necessary for graduation.

Leave of absence from class may be granted beforehand by the instructor, but this does not relieve the student of responsibility for any part of the work of his class, and he will be expected to make up lost work.

Leave of absence from the University must be obtained from the Dean on application presented before the absence. The student who absents himself from the University without leave renders himself liable to suspension.

STANDARD OF SCHOLARSHIP

Students whose average daily grade from entrance to the Christmas holidays does not reach 70 per cent in ten hours of their work, physical education and chapel attend-

ance counting as one hour courses, are suspended until the following fall.

Students who fail to pass in ten hours of work in the first semester of any year are suspended until the following fall.

SCHOLARSHIPS

Scholarships awarded by the University are conditioned upon satisfactory conduct and scholastic achievement, and are subject to withdrawal upon failure of the holder to make a satisfactory showing in his studies or for failure to show proper economy and observance of the regulations of the University.

RELIGIOUS INSTRUCTION

Southwestern Presbyterian University aims to be distinctly Christian. Founded by the Presbyterian Church for the purpose of forwarding Christian education, it has always been united to the Church by full and hearty accord in spirit and purpose. The development of Christian manhood and leadership in Christian service are its purposes, and this not in any spirit of sectarianism but in full accord with essential truth as accepted by all evangelical Christians. Instruction in the Bible has and will always hold a prominent place in the University.

Prayers are held in the chapel at 8:30 a.m. every week day. All students are expected to attend these services, and to attend also the Sunday services of whatever church in Clarksville they may elect, though attendance upon one's own church is urged. In the matter of reporting church attendance students are placed on their honor.

EXAMINATIONS

Written examinations are held at the close of each semester. Each examination may last three hours. Students who

fail to stand any regular examination forfeit their rank in class and unless their absence is excused are counted as failing on the examination.

All examinations are conducted under the honor system. Every student must write on his paper before submitting it, "I have neither given nor received help on this examination." Papers which do not contain this pledge with signature may not be graded.

RE-EXAMINATION

In case of failure to pass the regular examination in any subject the student may receive a special examination on payment of a fee of \$2.00. The professor is not allowed to give a re-examination until the student shall have submitted a receipt from the Registrar showing that the fee has been paid.

RECORDS AND REPORTS

The University keeps a record of every student in which are noted the conditions under which he entered, his course of study and standing, and any Faculty action which may specifically refer to him.

Soon after the first of every month of the session except January, a report of scholarship and conduct is sent to the parents or guardian of every student under twenty-one.

The President of the University receives from the Faculty, at stated intervals, reports as to the work and progress of the students, and wherever there appears to be need for such a course of action, the President will communicate with the parents or guardian of the student as to the content of the report from the Faculty.

FEES AND EXPENSES

COLLEGE FEES

All fees are payable in advance. If for any cause this is impracticable, satisfactory arrangements must be made with the Registrar before the opening of the session. Checks are to be made payable to the Southwestern Presbyterian University.

1. A university fee of ten dollars is required of every regular student at the beginning of each semester.

2. The tuition fee is fifty dollars a year, of which twenty-five is payable at the opening of the session and twenty-five at the beginning of the second semester. The tuition fee for students who are taking postgraduate work is seventy-five dollars a year, of which forty dollars is payable at the opening of the session and thirty-five at the beginning of the second semester.

3. All Seniors are required to pay a graduation fee of five dollars at the beginning of the second semester. The fee for candidates for the Master's degree is ten dollars.

4. A damage deposit of two dollars is required annually of all students on entrance. Damage to college property is charged against this fee. If the student's damage account reaches the amount of the fee at any time during the year a second deposit must be made immediately. Any balance remaining at the end of the year will be returned to the student.

5. A laboratory fee is required of students taking laboratory courses. This fee varies from four to fifteen dollars. Besides this fee, however, the student may be held liable for careless breakage or other injury to apparatus.

6. Students holding scholarships are exempt from tuition only.

7. All students are required to pay the athletic fee of ten dollars.

8. A fee of two dollars a year is charged every student for the use of the Library.

9. No student can be recommended for a degree nor can he receive honorable dismissal from the University until all his college fees have been met or provided for.

10. The fees are as indicated in the following summary:

SUMMARY OF COLLEGE FEES

General Fees	Due Sept. 19, 1918	Due Feb. 3, 1919
Tuition.....	\$ 25.00	\$ 25.00
University fee.....	10.00	10.00
Damage deposit.....	2.00	
Athletic and gymnasium fee.....	5.00	5.00
Library fee.....	2.00	
Totals.....	\$ 44.00	\$ 40.00

Laboratory Fees.

Biology 1.....	\$ 4.00	\$ 4.00
Biology 2, 3, or 4.....	5.00	5.00
Chemistry 1.....	4.00	4.00
Chemistry 2.....	6.00	6.00
Chemistry 3 or 4.....	7.50	7.50
Physics 1.....	3.00	3.00
Physics 2.....	4.00	4.00
Physics 3 or 4.....	5.00	5.00
Mechanical Drawing.....	1.00	1.00
Descriptive Geometry.....	1.00	1.00
Surveying.....		3.00

Special Fees.

Diploma.....	\$ 5.00
Master's Fee.....	10.00
Special Examination.....	2.00
Delayed Registration.....	2.00

LIVING EXPENSES

The students of the University maintain a co-operative boarding hall, under the supervision of a skillful and competent matron, where good, wholesome food may be obtained at the very moderate cost of from \$16.00 to \$18.00 a month. Table board may be secured at other boarding houses and in private families at prices ranging from \$22.50 to \$30.00.

The University maintains two dormitories, the equipment of which has been described elsewhere in the catalogue. A room in either of these dormitories may be reserved upon the payment of a retaining fee of \$5.00, which will be applied upon the rental. The charge for each student, when two students occupy a room, is \$18.00 a semester. This charge includes the use of the furniture, heat, and water. The use of one 60-watt light is included in the charge made for table board at the College Commons. Students who do not desire to live in the dormitories may secure rooms in private families at a cost of about \$8.00 a month.

DEGREES CONFERRED

FORTY-SECOND ANNUAL COMMENCEMENT

HONORARY DEGREES

Doctor of Laws

THOMAS WATT GREGORYWashington, D. C.

Doctor of Divinity

MINOT CANFIELD MORGANDetroit, Michigan

T. L. HAMANVaiden, Mississippi

DEGREES IN COURSE

Bachelor of Arts

JAMES VIRGIL CURRIE

ROBERT EMERTON CARROLL

RICHARD EDWARD DAVIS

GEORGE A. GRILLE

TURNER JONES

ROBERT MARSHALL MCGEEHEE

JAMES ERNEST MAYS

ASAHEL HUNTINGTON PATCH

WILLIAM EARL POWELL

JOEL CARL RHODES

ROBERT PRICE RICHARDSON

HARRY BARKER WADE

Bachelor of Divinity

JAMES VIRGIL CURRIE

ROBERT EMERTON CARROLL

ROBERT MARSHALL MCGEEHEE

WILLIAM EARL POWELL

JOEL CARL RHODES

HARRY BARKER WADE

Bachelor of Science

JOHN WALKER THOMPSON

Master of Science

ROBERT SINCLAIR DANIEL

UNIVERSITY OF ILLINOIS-URBANA



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